

REMARKS

1. Claims 1-3, 8, -9, 15-16, 24, 25, 18, and 6 were rejected under 35 U.S.C. 112 as failing to comply with the written description requirement. The applicant has made appropriate amendments in the claims without introduction of a new matter. More specifically, the term “elongated window unit” that does not have an antecedent in the specification was replaced by the term “window”, and the expression “carrier gas contains particles of a material for implantation” was replaced by “carrier gas and molecules of a target material sputtered by an RF magnetron.” (see Paragraph [0070] of published U.S. Patent Application No. 20030234369) given below:

“[0070] The material of the magnetron targets 199 and 201 is sputtered, and the sputtered molecules enter the plasma-confining space 136, where they are uniformly distributed over the plasma 152. In the plasma 152, the molecules of the target material are ionized due to collisions with electrons and ions of the carrier gas. These ions are extracted from ion-beam source 120 via ion extracting slit 170 and 172 (FIGS. 2 and 3).”

2. Rejection of Claims 1, 6, 7, 13, 14, and 20 under 35 U.S.C. 103(a) on the basis of the cited references is accepted. The Applicant has amended the objected Claims 2-5, 8-12, 15-19, and 21-27 by writing new independent claims with all the limitations of the base claims and of appropriate intervening claims.
3. Inadvertently, the examiner did not mention Claim 30, which was originally submitted and therefore was included into the set of new claims.

Regarding the Examiner’s note that “two individual microwave generators” and “plurality of individual microwave generators” are not shown in the drawings, the Applicant has shown these features in the original drawings (see items designated by reference numerals 234a, 234b, 234n in Figs. 5 and 234a in Fig. 6)

CONCLUSION

For all the above reasons, the applicant submits that the specification and claims are now in proper form, and that the claims all define patentably over the prior art. Therefore, the applicant submits that this application is now in condition for allowance, which action he respectfully solicits.

Conditional Request For Constructive Assistance

Applicant has made a diligent effort to amend the claims of this application so that they define novel structure, which is also unobvious. If, for any reason, the Examiner believes that the claims of this application are not yet in full condition for allowance, applicant respectfully requests his constructive assistance and suggestions pursuant to the spirit of MPEP § 2173.02 and § 707.07(j). This will enable the undersigned to place this application in fully allowable condition as soon as possible and without the need for further proceedings. The Examiner is authorized to make any needed minor corrections or changes.

Very respectfully,



Yuri Glukhoy
222 Colony DR.
Irwin, PA15642
Tel. 724-864-8453